

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 99.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-020552**Date Inspected:** 20-Jan-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Corporation, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Shi Lei**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** Segment 12, 12BW & 12CW**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Delbert Humphrey was present during the times noted above for observations relative to the work being performed at ZPMC.

OBG Bay # 16

WELDING

This QA observed the following components in this bay Steel Barriers W5-SB15-001, W5-SB15-002, W5-SB15-003. This QA observed no work being performed on the above mentioned components during the time QA was present. Barriers had been welded on one side and back gouged on other side.

OBG Bay #28

WELDING

This QA Inspector observed the following work in progress:

Holes were being slotted on Base plates, SP5-P-08-1 on Services Platform Handrails SP4, SP7, SP8.

Splice Plates SA3400B-001, SA3400B-005, SA7919A-005, SA7010B-002, SA3312A-004 were being ground clean and prep for MT and UT testing.

OBG: Trial Assembly

WELDING

Segment 12, OBE12

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

This QA Inspector observed the following work in progress:

Welds were being ground at 12BW, Segment 3005A-003.

SMAW welding of OBE12 skin plate, located on Segment 12, OBE12, identified as Welding Repair Report # B-CWR2126, welder is identified as 040378, ZPMC Quality Control (QC) is identified as Shi Lei. The welding variables recorded by QC appeared to comply with WPS-345-SMAW-4G-(4F)-Repair.

Unless otherwise noted, all work observed on this date appeared to be in general compliance with the applicable contract documents.

Summary of Conversations:

No relevant conversations were reported on this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang, 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Humphrey, Delbert	Quality Assurance Inspector
Reviewed By:	Hall, Steven	QA Reviewer
